

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Original) A process for producing a lithium transition metal sulphide, the process comprising reacting a transition metal sulphide with lithium sulphide in a solvent comprising molten sulphur.

2. (Original) A process according to claim 1; wherein the transition metal sulphide is an iron, molybdenum or titanium sulphide.

3. (Original) A process according to claim 2; wherein the transition metal sulphide is an iron sulphide.

4. (Currently amended) A process ~~according to claim 1~~ for producing a lithium transition metal sulphide, the process comprising:

(a) reacting a transition metal sulphide with lithium sulphide in a solvent comprising molten sulphur, and

(b) further comprising the step of recovering sulphur from the product.

5. (Original) A process according to claim 4; wherein the sulphur is recovered by dissolution in a solvent.

6. (Original) A process according to claim 4; wherein the sulphur is recovered by vapourisation.

7. (Previously presented) A lithium transition metal sulphide obtainable by a process according to claim 1.

8. (Original) A battery comprising an electrode containing a lithium transition metal sulphide according to claim 7.

9. (Canceled).

10. (Canceled).